

SEQUENCE LISTING

<110> Neirynck, Sabine
Min Jou, Willy
Fiers, Walter

<120> Immunoprotective influenza antigen and its use in
vaccination

<130> VIB-08

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<150> PCT/EP98/05106
<151> 1998-08-05

<160> 43

<170> PatentIn Ver. 2.1

<210> 1
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<212> PRT
<213> Influenza virus

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1 5 10 15
Arg Cys Asn Asp Ser Ser Asp
20

<210> 2
<211> 23
<212> PRT
<213> Influenza virus

<400> 2
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1 5 10 15
Arg Cys Asn Gly Ser Ser Asp
20

<210> 3
<211> 23
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<213> Influenza virus

<400> 3
Ser Leu Leu Thr Glu Val Glu Thr Pro Thr Lys Asn Glu Trp Glu Cys
1 5 10 15
Arg Cys Asn Asp Ser Ser Asp
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<210> 4
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<220>
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<400> 4
tttactgttt tcgtaacagt tttg 24

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: oligonucleotide

<400> 5
caacaacgca cagaatctag 20

<210> 6
<211> 30
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<213> Artificial Sequence

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gatccgtctc tgctgaccga agttgaaacc 30

<210> 7
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gcagagacga ctggcttcaa ctttgg 26

<210> 8
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cggttcaagt gatcatctcg c

<210> 9
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<212> DNA
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tctctgctga ccgaagttga aaccctatac agaaacgaat ggggtgcag atgcaacggt 60
tcaagtgat 69

<210> 10
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Arg Cys Asn Gly Ser Ser Asp
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gcgcaggccc tccagcg 17
gcgcaggccc

<210> 12
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gcgcaggccc tgcagcgtac tcc 23
gcgcaggccc

<210> 13
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cctcagatct tctgca 16

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<400> 14
ggagtctaga ag 12

<210> 15
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ccgttagcgca ggcctctctg ctgaccg 27

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ggatccatat ccatggc 17

<210> 17
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cggtcagcag agacatgggt aatcc 25

<210> 18
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<213> Influenza virus

<400> 19

atgtctctgc tgaccgaagt tgaa

24

<210> 20

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<400> 20

Met Ser Leu Leu Thr Glu Val Glu

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5

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of the fusion protein IPM2HBcm

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Ser Leu Leu Thr Glu Val Glu

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<210> 24
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catggatatg gatccttata aagaatt

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<210> 30
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ccgcgcccac ccgacgagat ctcggatcta ccccc 35

<210> 31
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<210> 32
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<400> 33
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25

<210> 34
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<400> 34
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gctactagta aatcagtac accaa

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cgaagcttgc cggcaaaggc agaatgcgcc gcc

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<400> 37
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23

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<210> 39
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<220>
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<400> 39
ggtagatatt gaaagatg 18

<210> 40
<211> 33
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cgtcttagatt actccagctc tatgctgaca aaa 33

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cgagatctat gagtcttcta accgaggctcg aaacgcctat cagaaacgaa tgggggt 57

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